AMENDMENTS TO THE CLAIMS

Please amend the claims as indicated in the following listing of all claims:

1.   (Original) A method for compiling program files comprising:

optimizing the program files into object files, wherein the object files are comprised of
information indicating optimization;

maintaining cross modular functional relationship between object files;

extracting the information indicating optimization; and

linking the object files to create an executable output file.

2.   (Original) The method for compiling program files of claim 1 further comprising:

creating intermediate representation files prior to optimizing the program files.

3.   (Original) The method for compiling program files of claim 2 wherein
information is extracted regarding the intermediate representation files.

4.   (Original) The method for compiling program files of claim 1 wherein the object
files are further comprised of:

information related to code generators.

5.   (Original) The method of claim 4 of compiling program files further comprising:

extracting the information related to code generators.

6.   (Original) A framework for compiling program files comprising:

an optimizer for optimizing program files into object files, wherein the object files are
comprised of information indicating optimization; wherein the optimizer further
extracts the information indicating optimization; and

a linker linking the object files to create an executable output file.

7.   (Currently Amended) The framework for compiling program files of claim 6
wherein:

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the optimizer creates intermediate representation files.[[.]]

8.   (Original) The framework for compiling program files of claim 7 wherein the optimizer extracts information regarding the intermediate representation files.

9.   (Original) The framework for compiling program files of claim 6 wherein:
the object files are further comprised of:
information related to code generators.

10.   (Original) The framework for compiling program files of claim 9 wherein:
the optimizer extracts the information related to code generators.

11.   (Original) A computer system comprising:
a processor;
a computer readable medium coupled to the processor; and
computer code, encoded in the computer readable medium, configured to cause the
        processor to compile program files comprising of:
                optimizing the program files into object files, wherein the object files are
                        comprised of information indicating optimization;
                maintaining cross modular functional relationship between object files;
                extracting the information indicating optimization; and
                linking the object files to create an executable output file.

12.   (Original) The computer system of claim 11 wherein the processor is further configured to comprise of:
creating intermediate representation files prior to optimizing the program files.

13   (Original) The computer system of claim 12 wherein information is extracted regarding the intermediate representation files.

14.   (Original) The computer system of claim 11 wherein the object files are further comprised of:

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information related to code generators.

15.   (Original) The computer system of claim 14 wherein the processor is further configured to comprise of:

extracting the information related to code generators.

16.   (Original) An apparatus for compiling program files comprising:

means for optimizing the program files into object files, wherein the object files are comprised of information indicating optimization;

means for maintaining cross modular functional relationship between object files;

means for extracting the information indicating optimization; and

means for linking the object files to create an executable output file.

17.   (Original) The apparatus for compiling program files of claim 16 further comprising:

means for creating intermediate representation files prior to optimizing the program files.

18.   (Original) The apparatus for compiling program files of claim 17 wherein information is extracted regarding the intermediate representation files.

19.   (Original) The apparatus for compiling program files of claim 16 wherein the object files are further comprised of:

information related to code generators.

20.   (Currently Amended) The apparatus~~method~~ of claim 19 <u>for</u> ~~of~~ compiling program files further comprising:

<u>means for</u> extracting the information related to code generators.

21.   (Original) A computer program product, encoded in computer readable media, comprising:

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a first set of instructions, executable on a computer system, configured to optimize

program files into object files, wherein the object files are comprised of

information indicating optimization;

a second set of instructions, executable on the computer system, configured to

maintaining cross modular functional relationship between object files;

a third set of instructions, executable on the computer system, configured to extract the

information indicating optimization; and

a fourth set of instructions, executable on the computer system, configured to link the

object files to create an executable output file.

22.   (Currently Amended) The computer program product of claim 21 further comprising:

a fifth ~~sixth~~ set of instructions, executable on a computer system, configured to create

intermediate representation files prior to optimizing the program files.

23.   (Currently Amended) The computer program product of claim 21 wherein information is extracted regarding the intermediate representation files.

24.   (Original) The computer program product of claim 21 wherein the object files are further comprised of:

information related to code generators.

25.   (Currently Amended) The computer program product of claim 24 further comprising

a fifth ~~sixth~~ set of instructions, executable on a computer system, configured to extract

the information related to code generators.

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